

Issued: July 2, 2004

FACILITIES FOR INTERSTATE ACCESS

TABLE OF CONTENTS

7.	<u>SPECIALIZED FIA OR ARRANGEMENTS</u>	<u>Page</u>	
7.1	<u>General</u> .....	7-2	
7.2	<u>Rates and Charges</u> .....	7-2	
7.2.1	Verizon South Inc. ....	7-3	
7.2.2	Verizon Hawaii Inc. ....	7-4	
7.2.3	All Jurisdictions under Verizon Telephone Companies Tariff FCC No. 14.....	7-5	
7.2.4	Citigroup Global Technology, Inc. ....	7-20	
7.2.5	MCI.....	7-27	(N) (x)

(x) Issued on one day's notice under authority of Special Permission No. 04-055 of the Federal Communications Commission.

(This page filed under Transmittal No. 466.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS7.1 General

Specialized FIA or Arrangements may be provided by the Telephone Company, at the request of a customer, on an Individual Case Basis (ICB) if such FIA or arrangements meet the following criteria:

- The requested FIA or arrangements are not offered under other sections of this tariff.
- The facilities utilized to provide the requested FIA or arrangements are of a type normally used by the Telephone Company in furnishing its other services.
- The requested FIA or arrangements are provided within a Market Area.
- The requested FIA or arrangements are compatible with other Telephone Company services, facilities, and its engineering and maintenance practices.

This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

7.2 Rates and Charges (USOC - 1ZZ++)

Rates and charges and additional regulations, if applicable, for Specialized FIA or Arrangements are filed following:

(This page filed under Transmittal No. 25.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.1 Verizon South Inc.

(A)	<u>Customer Name</u>	<u>Description and Location</u>	<u>Charges</u>	<u>USOC</u>
	AT&TC	410 transfer relay for isolating Hazard, Ky leg of multipoint circuit in Lexington, KY CO.	MRC \$10.08	1ZZAA

(This page filed under Transmittal No. 25.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.2 Verizon Hawaii Inc.

(A)	<u>Customer Name</u>	<u>Description and Location</u>	<u>Charges</u>	<u>USOC</u>
	U. S. Army	E&M trunk circuit in Ft. Shafter DATS C.O. for AUTOVON access.	MTL - \$1,248.00* MRC - \$ 57.00 NRC - \$ 114.00	1ZZAB
	U. S. Army	Arrangement in Ft. Shafter DATS C.O. to interface an E&M trunk circuit with a 4-wire AUTOVON access line to CONUS.	MTL - \$2,218.00* MRC - \$ 101.00 NRC - \$ 100.00	1ZZAC

(This page filed under Transmittal No. 25.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

Issued: February 28, 2003

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS7.2 Rates and Charges

## 7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14

Case No.

2001-1 MCI WORLDCOM Network Services, Inc.

(T)

(T)

The customer may convert this Case 2001-1 to Amended Case 2001-1, at which time this Case 2001-1 set forth in (A) through (P) shall no longer apply.

(N)

(N)

(A) Service Description

Verizon will provide MCI WORLDCOM Network Services, Inc. (WCOM) with CyberPOP™ TCP/IP data aggregation service. CyberPOP service is a modem aggregation product that provides dial-up port based remote access services. CyberPOP service provides integrated, remote analog & digital access to WCOM that may be utilized by WCOM's end users and the end users of WCOM's affiliates, clients, and resellers (collectively, End Users) to connect to WCOM's Internet network (WCOM Network) via modems referred to as network access servers (NAS) deployed in central offices operated by Verizon (Verizon COs). Verizon shall connect each NAS used in connection with the CyberPOP service to the Public Switched Telephone Network (PSTN) via ISDN primary rate interface, or other mutually-agreed comparable telecommunications facilities (collectively, PRI), and shall arrange for the dedicated assignment (or preservation, to the fullest extent possible) of unique telephone numbers for (or in use by) WCOM and End Users.

CyberPOP service includes all NAS equipment, telecommunications services and related facilities (including with out limitation active PRI lines, at least 40 lead trunk numbers (LTN) (with the exception of Single Number Routing ("SNR")), space, power, and other utilities), and ancillary support and maintenance required to connect a call that has been dialed into the PSTN (such call dialing a designated telephone number) to an active DS0 channel-equivalent port (i.e., PRI B-channel) on the corresponding NAS (CyberPOP Port). The demarcation of the CyberPOP service between Verizon and WCOM shall be at the connection of the NAS egress port at Verizon's central office.

CyberPOP service will provide local points of presence for WCOM within Verizon's franchised service areas. WCOM will not own or lease any CyberPOP service equipment, but will have exclusive operational control (i.e., logical access) of all NAS and related aggregation and out-of-band management equipment (collectively, NAS Equipment) used in connection with the CyberPOP service. This product will be configured via WCOM's specifications to allow monitoring and management of the NAS Equipment. Verizon's local network will provide the service from the local dial access to the delivery of TCP/IP and other protocols via the CyberPOP data aggregation equipment located at the Verizon Central Office. WCOM is responsible for obtaining facilities from Verizon's Central Office to the WCOM Point of Presence (POP).

CyberPOP service will utilize TCP/IP and other protocols based on IETF (Internet Engineering Task Force) standards. IETF is the engineering arm of the IAB (Internet Architecture Board). IETF defines protocol standards for Internet services. This tariff supports, at a minimum, the following standards:

IP	Internet Protocol
TCP	Transmission Control Protocol
SLIP	Serial Line IP
CSLIP	Compressed Serial Line IP
PPP	Point to Point Protocol
HSSI	High Speed Serial Interface

WCOM has the option of utilizing, as a feature of CyberPOP service, SNR in lieu of local telephone numbers, which are included as part of CyberPOP service, where technically feasible. This option enables End Users with Verizon local phone service in a defined geographic area (i.e., a LATA) to have access to WCOM via one specialized telephone number. The End User can initiate a call within the service area to WCOM and this call is treated as a local call by Verizon for the connection and duration of the call. This option is part of the WCOM Specialized Arrangement and is included where available in the rates and charges for CyberPOP service at no additional charge. The following two alternatives are offered to WCOM under this option:

(This page filed under Transmittal No. 297.)

Vice President, Federal Regulatory (T)  
1300 I Street NW, Washington, DC 20005 (T)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)

(N)

7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)

MCI WORLDCOM Network Services, Inc.

(A) Cont'd

1. Verizon will assign a Single Number Routing telephone number from a 500 NPA; or
2. WCOM can provide Verizon with its own 555-XXXX telephone number acquired from the North American Numbering Plan Administration.

CyberPOP data aggregation services are available where facilities and conditions permit.

(B) Obligations of Verizon

Special Access Lines and Special Transport beyond the CyberPOP service are not included in the CyberPOP service port price and are available elsewhere in this FCC tariff.

Verizon is responsible to provide WCOM with a firm order confirmation notice, which will initiate the order process.

Verizon will notify WCOM of the completion and readiness of the requested CyberPOP site.

NAS Equipment to provide CyberPOP service requires the review and approval of Verizon. WCOM may propose alternative NAS Equipment platforms from time to time for Verizon's review and approval. NAS Equipment upgrades to the existing port base will be made at the discretion of Verizon. WCOM requests regarding the configuration and design of the NAS Equipment will be evaluated for network compliance and compatibility by Verizon and employed where feasible. WCOM may request that NAS Equipment or other equipment upgrades outside the scope of this arrangement be implemented and charged to WCOM on a time and materials basis.

Verizon will participate with WCOM in joint testing and turn-up activities for new and moved port activations, including, at a minimum, login and RADIUS authentication to the WCOM Network via the ports being tested.

Verizon shall perform all hardware maintenance and remote hands & eyes support for the NAS Equipment, in accordance with mutually agreed-upon support procedures.

Verizon will provide WCOM with seventy-two (72) hours notice in advance of scheduled Wire Center or Central Office maintenance that could adversely impact CyberPOP services.

(C) Obligations of WCOM

WCOM is responsible for obtaining all appropriate IP addresses.

WCOM is responsible to obtain the facilities required for the dedicated transport of their traffic from Verizon's Central Office to WCOM's point(s) of presence.

WCOM's NAS Equipment must be compatible with Verizon's equipment.

WCOM must maintain NAS Equipment software configuration, software management and authentication control.

WCOM shall furnish information as may be required by Verizon to design and maintain the service and to ensure that the service arrangement is in compliance with the regulations contained herein.

WCOM's NAS Equipment must be in compliance with FCC rules and regulations.

WCOM's specified NAS Equipment must be in compliance with published Verizon NEBS standards.

WCOM will participate with Verizon in joint testing and turn-up activities for new and moved port activations, including, at a minimum, login and RADIUS authentication to the WCOM Network via the ports being tested.

(N)

(This page filed under Transmittal No. 51.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

Issued: June 14, 2001

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)

MCI WORLDCOM Network Services, Inc.

(C) Cont'd

WCOM must notify Verizon of any firm order cancellations prior to Verizon initiating any service installation activities. Firm order cancellations received after installation has proceeded (but before joint acceptance) will incur charges for time and materials expended to-date.

WCOM, when requesting Single Number Routing, is responsible for purchasing a quantity of ports to accommodate originating dial-up traffic offered to a selected CyberPOP hub for aggregating and routing to WCOM's designated POP. Verizon shall ensure adequate network trunking to support call completion to WCOM SNR CyberPOP hubs and shall use all commercially reasonable efforts to correct any identified lack of network capacity, consistent with the then-current locations and port quantities of WCOM's SNR CyberPOP hubs. Any NAS Equipment moves by WCOM from non-SNR hubs to SNR hubs, or between SNR hubs if Verizon concurs it is necessary, shall not count against the 5% quarterly moves limitation set forth below. Traffic generated by virtue of SNR under this arrangement will be routed exclusively to Verizon-provided CyberPOP locations.

WCOM agrees to provide Verizon with at least ten (10) business days prior written notice before deploying new software on the NAS Equipment that would implement any new major features or functionalities (i.e., left-of-decimal software upgrade) on the NAS Equipment.

(D) Enrollment Period

CyberPOP modem based data aggregation service is provided to WCOM under this tariff with a three (3) year commitment period. All 575,000 base ports are committed for thirty-six (36) months from the tariff effective date. Each additional port is committed for thirty-six (36) months from the port install date. For base ports, billing will commence at the new rates on the tariff effective date. For new service implementations, billing will commence on the date that customer acceptance has been completed. Customer acceptance is defined as verification from WCOM that the new service is operational following execution of joint testing and turn-up activities.

This tariff transitions WCOM (previously referenced as UUNET) from previous FCC tariff arrangements with Verizon for data aggregation services. This tariff supersedes any previously tariffed terms and conditions agreed upon by WCOM, or any of its affiliates, and Verizon for CyberPOP service (including comparable modem based data aggregation services purchased from Verizon). Previous terms and commitments beyond the new three (3) year enrollment period are terminated as a result of this tariff agreement without application of any early termination fees, penalties or other charges.

(E) Rate Application

CyberPOP service rates will be applied on a monthly basis for all dial-up ports in service nationwide. Nationwide is defined as the aggregate of all dial-up ports for all of the Verizon Operating Companies, which includes the former Bell Atlantic, Nynex, GTE and Contel footprints. There are separate rates identified for existing base ports and additional ports as outlined below.

(F) Monthly Recurring Charges (MRCs)

<u>Port Type</u>	<u>Rate (MRC) Per Por</u>
Base (1-575,000)	\$29.00
Additional (575,001 +)	\$17.50

Rates include Single Number Routing, where available, and all applicable engineering, furnishment, installation (EF&I) service and hardware maintenance charges, and all applicable fees and surcharges (other than fees and surcharges that are imposed by the Federal Communications Commission or other government agency on the CyberPOP service subsequent to the effective date of this tariff). Rates do not include applicable taxes. Except as otherwise specified in this arrangement, no non-recurring charges shall apply with respect to the CyberPOP ports provided hereunder. When CyberPOP services utilize a PRI trunk group, D channels do not incur the above charges. The above rates become effective upon the effective date of the tariff.

(This page filed under Transmittal No. 51.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

(N)

(N)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)(G) Commitment Levels

WCOM's Minimum Port Commitment is to maintain (in the aggregate across all Verizon franchise areas) an in service base of 575,000 ports for the entire thirty-six (36) month term period with 200,000 additional ports to be installed by month thirty-six (36) of the arrangement, less any NAS Equipment buy-backs (as described below), Sold CyberPOP Ports (as defined below), cancelled ports due to missed FOC/CFA dates (as described below), and ANS/GridNet ports that will not be converted to CyberPOP (to be determined based on mutually agreed-upon procedures). All ports purchased by WCOM ISP entities, including PRI and other equivalent telecommunications services used to provide dial-up ports for the WCOM Network that are converted to CyberPOP Ports under this tariff (such conversion shall be made without the application of any early termination fees, penalties, or other charges) shall be deemed to count towards satisfaction of this Minimum Port Commitment.

Ports that are in the process of being moved (as described below) shall continue to be counted for purposes of determining whether WCOM has met its Minimum Port Commitment.

Beginning in month 37 of this arrangement and thereafter, this Minimum Port Commitment shall no longer apply, and WCOM shall not be committed to obtain any minimum number of ports from Verizon under this tariff.

(H) Cancellation of Service

If CyberPOP Ports are not made ready for service by Verizon no later than fifteen (15) calendar days following the applicable FOC/CFA dates specified in the firm order, WCOM may, at anytime prior to availability of the port, cancel the CyberPOP ports covered by that firm order upon written notice to Verizon, and (a) WCOM's Minimum Port Commitment shall be reduced by an amount equal to the number of CyberPOP Ports that were the subject of the cancelled firm order, and (b) WCOM shall have the right to repurchase (at the purchase price paid by Verizon to WCOM) any NAS Equipment sold by WCOM to Verizon in connection with such cancelled firm order.

(I) Customer Initiated Buy-Backs

WCOM at their discretion may choose to downsize their presence at any Verizon CyberPOP location by buying back NAS Equipment that was deployed for their dedicated use. Verizon will disconnect, pack and ship the designated NAS Equipment back to WCOM. Buy-back requests will be implemented using mutually agreed-upon engineering procedures. A non-recurring charge as specified below will be billed for each port that is removed from service. There are restrictions on the quantity of ports that can be removed from service in a given timeframe.

WCOM may buy back a maximum of 14,200 ports during the first year, which begins on the effective date of this tariff. During year two (2), WCOM may buy back a maximum of 2% of their nationwide quantity of installed ports which are in service (or in the process of being moved) on the one (1) year anniversary of the tariff effective date. During year three (3), WCOM may buy back a maximum of 30% of their nationwide quantity of installed ports which are in service (or in the process of being moved) on the two (2) year anniversary of the tariff effective date.

For buy-back of ports that are in the process of being moved, the "buy back year" will be based upon the date (in relation to the 36-month enrollment period of this arrangement (as specified above)) that the port(s) was taken out of service to initiate the move.

WCOM's Minimum Port Commitment is reduced as a result of buy-back activities. The buy-back will be applied to the 575,000 base ports and the 200,000 additional ports, as applicable depending on the port types being bought back by WCOM.

(N)

(N)



## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)(I) (Cont'd)

Charges for customer initiated equipment buy-backs are applied on a one-time non-recurring charge (NRC) basis for each port that is purchased.

Port Installation Date	Rate (NRC) per Port Removed	Buy-back Year (Enrollment Period)		
		Year 1	Year 2	Year 3
Prior to 1998 Installs		\$375	\$250	\$100
1998 Installs		\$525	\$375	\$150
1999 Installs		\$570	\$435	\$285
2000 Installs		\$645	\$465	\$305
2001 Installs			\$270	\$200
2002 Installs				\$270

For buy-back activities, WCOM may choose between the above rate structure or pay for the remaining life of the three (3) year term at the per port monthly rate applicable to the individual port, whichever is lower.

During the first thirty (30) calendar days after the effective date of the tariff, WCOM may cancel any pending orders, or ports installed per the WCOM capacity plan, for CyberPOP service (including comparable modem based data aggregation services purchased from Verizon) provided by Verizon to WCOM or its affiliates that have not yet been installed by Verizon, for a one-time \$25.00 non-recurring charge per port. Such cancellation shall not count towards the year one (1) buy-backs that otherwise might apply to such activities under the tariff.

(J) Customer Initiated Moves

WCOM can move (disconnect and reconnect) dial-up port capacity from one Verizon CyberPOP location to another, up to a maximum of 5% per quarter of the total ports in service at the start of each calendar quarter (January, April, July, October) ("Quarterly Move Allotment").

Following the completion of the parties' joint pre-planning and engineering work, the parties shall use all commercially reasonable efforts to place the moved ports back in service within ninety (90) calendar days, or such other reactivation time period as may be mutually agreed-upon by the parties at the time of disconnect. Move requests will be implemented using mutually agreed-upon engineering procedures, and may result in the swap-out of NAS Equipment on a port-for-port basis (at WCOM's election and expense, if any). Hardware components being moved (and swapped, if applicable) must be compatible with the hardware/software configuration at the receiving CyberPOP location. Disconnect and reconnect move orders will be processed concurrently and standard Verizon operational processes and implementation timeframes will be utilized.

For the first thirty (30) calendar days following the tariff effective date for this arrangement, WCOM may identify and execute move activities (at a flat \$25 per port rate) that do not count against the 5% per quarter limitation. The joint objective is that moved ports be reinstalled and placed back in service within one hundred twenty (120) calendar days after the effective date of tariff.

Charges for moves are applied on a one-time non-recurring charge (NRC) basis for each in service port (i.e., lit B-channel passing dial-up traffic) that is moved. MRC billing for the ports will be discontinued during the move process and will be reinstated at the time the move is completed. Once reinstated, the ports will be billed for the remaining duration of the thirty-six (36) month term at the same base or additional port MRC as originally charged for the port. Out-of-service days during the move of a port will not count against satisfying the thirty-six (36) month commitment period for the port. Detailed project planning will be required by both parties in order to establish mutually agreeable timelines for port moves. Unless otherwise agreed, or unless Verizon is not able to implement service to a moved port within 105 calendar days, billing for moved ports shall commence no later than 105 calendar days from the date the port was taken out of service for the move.

(This page filed under Transmittal No. 51.)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)

(N)

7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)(J) (Cont'd)Rate (NRC) per In Service Port Moved:

First 60% of Quarterly Move Allotment: \$25 per Port  
Next 40% of Quarterly Move Allotment: \$45 per Port

(K) Service Enrollment

WCOM must specify in writing to Verizon that they elect to subscribe to the CyberPOP service as set out in this tariff. The minimum CyberPOP service for a Central Office site in which NAS Equipment is located is 138 dial-up ports.

(L) Periodic Reviews

The parties shall meet monthly on or about the last business day of each month to reconcile port counts and determine, for billing purposes, the number of CyberPOP Ports that shall be deemed to have been active for that month.

WCOM's service commitment will be reviewed quarterly on or about the last business day of each calendar quarter (January, April, July, October) following the tariff effective date. WCOM in-service port counts, port moves, port buy-backs, port installs, and SNR activity will be identified and jointly reconciled by WCOM and Verizon staffs. Any required reporting or billing adjustments will be agreed upon and executed within thirty (30) calendar days of completion of the reconciliation process. In the event that a final reconciliation is not agreed upon by WCOM and Verizon within thirty (30) days, the issue will be escalated to executive management of both companies for resolution.

(M) Shortfall Charge

At the final thirty-six (36) month review, WCOM will be notified in writing as to the status of their overall commitment requirements. This notification will inform WCOM of any shortfall in the quantity level below the Minimum Port Commitment, as specified above. At the final review, if the number of CyberPOP ports is below the Minimum Port Commitment, a one-time charge of \$630 per port will be assessed for dial-up port quantity shortfalls of in-service ports below the Minimum Port Commitment.

(N) Service Availability

The Verizon objective level of service availability will be 95% of the monthly hours of operation for each Central Office. Should the service availability actually be less than 95% of the monthly hours for the average port of a Central Office (e.g., 30 days x 24 hours x .95 = 684 hours), WCOM will receive a credit of 40% of the monthly bill for that Central Office. Force Majeure events that impact service and which Verizon could not have prevented through the use of reasonable precautions will not be subject to the above penalty calculation.

(O) Withdrawal of Service Areas

In the event that Verizon ceases to offer CyberPOP service in a Verizon CO in which CyberPOP service is offered at any point under this tariff, through transfer of ownership of the Verizon CO to a non-Verizon entity, Verizon shall request the new owner to continue to provide service equivalent to Verizon's CyberPOP service at such CO, and shall, if the new owner agrees to continue the service, use commercially reasonable efforts to facilitate a smooth transition of CyberPOP service to the new provider. Notwithstanding the foregoing, with respect to any CyberPOP Ports deployed in such Verizon COs ("Sold CyberPOP Ports"), WCOM shall have the right (and reasonable opportunity following written notice from Verizon) to terminate such Sold CyberPOP Ports prior to their transfer to the new provider without the application of any early termination fees or other charges, and to repurchase the associated NAS Equipment from Verizon at the then-current depreciated book value (with no other charges applying). Verizon shall ship such NAS Equipment to WCOM at WCOM's expense. NAS Equipment repurchases resulting from Sold CyberPOP Ports shall not count towards the annual limit of regular buy backs specified in the tariff. In addition, and regardless of whether WCOM terminates such Sold CyberPOP Ports, the Minimum Port Commitment shall be reduced by the number of such Sold CyberPOP Ports.

(N)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)

(N)

7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)(P) Duration of Tariff and Renewal Option

This arrangement shall remain in effect so long as CyberPOP Ports are being provided under it.

At the expiration of the initial 36-month period following the effective date of this tariff, and subject to payment of any shortfall charge, the Minimum Port Commitment, adjusted as set out above, shall expire and shall no longer be binding.

During the period in which this tariff remains in effect after the expiration of the initial 36-month port term that applies to each CyberPOP Port ordered hereunder, (a) Verizon will continue with billing for such ports on a month-to-month basis at the MRC rates identified in this tariff, (b) WCOM may cancel any such ports upon sixty (60) days written notice, and (c) Verizon may cancel such ports by providing WCOM with one hundred eighty (180) calendar day notification that such ports will be terminated.

Verizon may terminate this tariff, with termination effective at any time after completion of the initial 36-months following the effective date of the tariff, by giving WCOM one hundred eighty (180) calendar day notice. Such termination shall not apply to CyberPOP Ports that are in service at the termination date, and this tariff shall remain in effect for such ports until the ports are terminated in accordance with the preceding subsection. Upon termination of this tariff, WCOM may not order any new CyberPOP Ports.

(N)

(This page filed under Transmittal No. 51.)

Director - Tariffs  
600 Hidden Ridge, Irving, Texas 75038

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)

## 7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)

Case No.

## 7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc.

(N)

(A) Availability of Amended Service Arrangement

MCI WORLDCOM Network Services, Inc. (WCOM) may obtain CyberPOP™ TCP/IP data aggregation service under this amended arrangement only upon receiving, and pursuant to an order from the United States Bankruptcy Court for the Southern District of New York in the WorldCom bankruptcy proceeding, Case No. 02-13533 (AJG), that approves WCOM's assumption of its subscription to the CyberPOP™ TCP/IP data aggregation service as set out in this amendment. Effective upon entry of the approval order, WCOM shall be deemed to have ordered service under this amended tariff. Service under this amended tariff will commence on the effective date of the amended tariff if the court order is obtained no later than thirty (30) days after this amended tariff is effective. Otherwise, the start of service date is the date of the court order. If WCOM does not obtain a court order approving WCOM's assumption of its subscription to CyberPOP™ service under this amendment, then the original specialized arrangement remains in effect.

Effective upon entry of the approval order from the Bankruptcy Court, this amended tariff supersedes any previously tariffed terms and conditions agreed upon by WCOM, or any of its affiliates, and Verizon for CyberPOP™ service under the previous Specialized Service. Previously tariffed terms and commitments are terminated as a result of this amended specialized service arrangement without application of any early termination fees, penalties or other charges.

(B) Duration of Tariff and Renewal Option

This arrangement shall remain in effect for twenty-four (24) months from the start of service date.

At the expiration of the 24-month period following the start of service date and subject to payment of any shortfall charge, WCOM may elect to continue service for an additional twelve (12) months, without any Minimum Port Commitment. If WCOM so elects, this arrangement shall remain in effect for the additional twelve (12) month period.

(C) Enrollment Period for CyberPOP™ Ports

WCOM will provide Verizon with the list of designated in-service ports to be enrolled under this amended tariff. The number of ports to be enrolled must meet or exceed the Minimum Port Commitment as described below.

Subject to the renewal option set out above, the enrollment period for all ports terminates no later than the end of two years from the start of service date under this amended tariff. Consistent with the Minimum Port Commitment set out under Commitment Levels, below, the enrollment period for 400,000 ports is for the first twelve (12) months from the start of service date, with the enrollment period for 350,000 ports then extending for the second twelve (12) month period. The number of ports subject to the enrollment period is reduced by any buy-back of ports and Sold CyberPOP™ Ports, as described below under Customer-Initiated Buy Backs and Withdrawal of Service Areas.

The enrollment period is not a term commitment with respect to any individual port, but rather is the period of time for which WCOM is obtaining CyberPOP™ service under this amended tariff, and during which the Minimum Port Commitment set out under Commitment Levels, below, applies.

™ - Trademark of Company

(N)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)

## 7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)

Case No.

7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc.

(D) Service Description

CyberPOP™ service is a modem aggregation product that provides dial-up port based remote access services. CyberPOP™ service provides integrated, remote analog & digital access to WCOM that may be utilized by WCOM's end users and the end users of WCOM's affiliates, clients, and resellers (collectively, End Users) to connect to WCOM's Internet network (WCOM Network) via modems referred to as network access servers (NAS) deployed in central offices operated by Verizon (Verizon COs). Verizon shall connect each NAS used in connection with the CyberPOP™ service to the Public Switched Telephone Network (PSTN) via ISDN primary rate interface, or other mutually-agreed comparable telecommunications facilities (collectively, PRI), and shall arrange for the dedicated assignment (or preservation, to the fullest extent possible) of unique telephone numbers for (or in use by) WCOM and End Users.

CyberPOP™ service includes all NAS equipment, telecommunications services and related facilities (including with out limitation active PRI lines, at least 40 lead trunk numbers (LTN), space, power, and other utilities), and ancillary support and maintenance required to connect a call that has been dialed into the PSTN (such call dialing a designated telephone number) to an active DS0 channel-equivalent port (i.e., PRI B-channel) on the corresponding NAS (CyberPOP™ Port). The demarcation of the CyberPOP™ service between Verizon and WCOM shall be at the connection of the NAS egress port at Verizon's central office.

CyberPOP™ service will provide local points of presence for WCOM within Verizon's franchised service areas. WCOM will not own or lease any CyberPOP™ service equipment, but will have exclusive operational control (i.e., logical access) of all NAS and related aggregation and out-of-band management equipment (collectively, NAS Equipment) used in connection with the CyberPOP™ service. This product will be configured via WCOM's specifications to allow monitoring and management of the NAS Equipment. Verizon's local network will provide the service from the local dial access to the delivery of TCP/IP and other protocols via the CyberPOP™ data aggregation equipment located at the Verizon Central Office. WCOM is responsible for obtaining facilities from Verizon's Central Office to the WCOM Point of Presence (POP).

CyberPOP™ service will utilize TCP/IP and other protocols based on IETF (Internet Engineering Task Force) standards. IETF is the engineering arm of the IAB (Internet Architecture Board). IETF defines protocol standards for Internet services. This tariff supports, at a minimum, the following standards:

IP	Internet Protocol
TCP	Transmission Control Protocol
SLIP	Serial Line IP
CSLIP	Compressed Serial Line IP
PPP	Point to Point Protocol
HSSI	High Speed Serial Interface

™ - Trademark of Company

(This page filed under Transmittal No. 297.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

(N)

(N)

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

## 7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc. (Cont'd)

(N)

(E) Obligations of the Telephone Company

Special Access Lines and Special Transport beyond the CyberPOP™ service are not included in the CyberPOP™ service port price and are available elsewhere in this FCC tariff.

Verizon is responsible to provide WCOM with a firm order confirmation notice, which will initiate the order process.

Verizon will notify WCOM of the completion and readiness of the requested CyberPOP™ site.

NAS Equipment to provide CyberPOP™ service requires the review and approval of Verizon. WCOM may propose alternative NAS Equipment platforms from time to time for Verizon's review and approval. NAS Equipment upgrades to the existing port base will be made at the discretion of Verizon and if the upgrade is being undertaken at WCOM's request it will be at WCOM's expense on a time and materials basis. WCOM requests regarding the configuration and design of the NAS Equipment will be evaluated for network compliance and compatibility by Verizon and employed where feasible. WCOM may request that NAS Equipment or other equipment upgrades outside the scope of this arrangement be implemented and charged to WCOM on a time and materials basis.

Verizon will participate with WCOM in joint testing and turn-up activities for moved port activations, including, at a minimum, login and RADIUS authentication to the WCOM Network via the ports being tested.

Verizon shall perform all hardware maintenance and remote hands & eyes support for the NAS Equipment, in accordance with mutually agreed-upon support procedures.

Verizon will provide WCOM with seventy-two (72) hours notice in advance of scheduled Wire Center or Central Office maintenance that could adversely impact CyberPOP™ services.

(F) Obligations of the Customer

WCOM is responsible for obtaining all appropriate IP addresses.

WCOM is responsible to obtain the facilities required for the dedicated transport of their traffic from Verizon's Central Office to WCOM's point(s) of presence.

WCOM's NAS Equipment must be compatible with Verizon's equipment.

WCOM must maintain NAS Equipment software configuration, software management and authentication control.

WCOM shall furnish information as may be required by Verizon to design and maintain the service and to ensure that the service arrangement is in compliance with the regulations contained herein.

WCOM's NAS Equipment must be in compliance with FCC rules and regulations.

WCOM's specified NAS Equipment must be in compliance with published Verizon NEBS standards.

WCOM will participate with Verizon in joint testing and turn-up activities for moved port activations, including, at a minimum, login and RADIUS authentication to the WCOM Network via the ports being tested.

(N)

™ - Trademark of Company

(This page filed under Transmittal No. 297.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

## 7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc. (Cont'd)

(N)

(F) Obligations of the Customer (Cont'd)

WCOM must notify Verizon of any firm order cancellations prior to Verizon initiating any service installation activities. Firm order cancellations received after installation has proceeded (but before joint acceptance) will incur charges for time and materials expended to-date.

WCOM agrees to provide Verizon with at least ten (10) business days prior written notice before deploying new software on the NAS Equipment that would implement any new major features or functionalities (i.e., left-of-decimal software upgrade) on the NAS Equipment.

(G) Availability

CyberPOP™ service is available only where facilities and conditions permit and where NAS equipment is deployed at the effective date of this amended tariff, and for CyberPOP™ ports in service at the effective date of this amended tariff.

All of the ports enrolled by WCOM under this amended tariff (as described above) are covered by this arrangement. Ports that WCOM subsequently requests be disconnected remain under this amended tariff until actually disconnected. No new ports may be added. Existing ports may be moved as described below.

The minimum CyberPOP™ service for a Central Office site in which NAS Equipment is located is 138 dial-up ports.

(H) Application of Rates

CyberPOP™ service rates set out in this amended tariff will be applied and billed on a monthly basis for all dial-up ports in service nationwide that WCOM has enrolled under this amended tariff, with the requirement that the number of enrolled ports meet or exceed the Minimum Port Commitment. Nationwide is defined as the aggregate of all dial-up ports for all of the Verizon Operating Companies, which includes the former Bell Atlantic, Nynex, GTE and Contel footprints.

Ports above the number enrolled by WCOM under this amended tariff will be disconnected from the CyberPOP™ service in accordance with mutually agreed administrative procedures. The end-date for billing for these ports (i.e., all ports in excess of the number enrolled by WCOM under this amended tariff) is through the 15th day following the start of service date, as specified under the section entitled Availability of Amended Service Arrangement, above. From and after the 16th day following the start of service date, WCOM will only be billed for in service ports that WCOM has enrolled under this amended tariff, with the requirement that the number of enrolled ports meet or exceed the Minimum Port Commitment.

Ports that may be disconnected during the term of this amended tariff, as allowed elsewhere in this amended tariff, will be disconnected and billing stopped on the date specified by WCOM, provided that WCOM notifies Verizon of the disconnect at least 30 days in advance.

(N)

™ - Trademark of Company

(This page filed under Transmittal No. 297.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

## 7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc. (Cont'd)

(I) Rates and Charges

## Monthly Recurring Charges (MRCs)

Port TypeRate (MRC) Per Port

All

\$19.00

Rates include all applicable engineering, furnishment, installation (EF&I) service and hardware maintenance charges, and all applicable fees and surcharges (other than fees and surcharges that are imposed by the Federal Communications Commission or other government agency on the CyberPOP™ service subsequent to the effective date of this tariff). Rates do not include applicable taxes. Except as otherwise specified in this arrangement, no non-recurring charges shall apply with respect to the CyberPOP™ ports provided hereunder. When CyberPOP™ services utilize a PRI trunk group, D channels do not incur the above charges. The above rates become effective upon the effective date of the tariff.

(J) Commitment Levels

WCOM's Minimum Port Commitment is to maintain (in the aggregate across all Verizon franchise areas) an in service base of 400,000 ports for the first twelve (12) months following the start of service date under this amended tariff, and 350,000 ports for the second twelve (12) month period, less any buy-backs (as described below), and Sold CyberPOP™ Ports (as defined below).

Any early termination of this tariff is subject to payment of the full remaining charges due for the Minimum Port Commitment for the remainder of the term, specifically, \$19.00 times the Minimum Port Commitment of 400,000 ports, as adjusted for Sold CyberPOP™ Ports, times the number of months remaining in the first 12 months, plus \$19.00 times the Minimum Port Commitment of 350,000 ports, as adjusted for buy back activity and Sold CyberPOP™ Ports, times the number of months remaining in the second 12 months.

Ports that are in the process of being moved (as described below) shall continue to be counted for purposes of determining whether WCOM has met its Minimum Port Commitment.

Beginning in month 25 of this amended arrangement and thereafter, this Minimum Port Commitment shall no longer apply, and WCOM shall not be committed to obtain any minimum number of ports from Verizon under this tariff.

WCOM may continue this service for a third year at the same rate specified above.

If WCOM decides at any time to move traffic utilizing CyberPOP™ service to WCOM's OnNet facilities or those of another carrier, Verizon shall transfer the telephone number related to such traffic to WCOM (or such other WCOM-designated carrier). The foregoing is conditioned on WCOM continuing to meet, and pay for, the Minimum Port Commitment.

™ - Trademark of Company

(N)

(N)



## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

## 7.2.3.1 Amended 2001-1 MCI WORLDCOM Network Services, Inc. (Cont'd)

(N)

(K) Customer Initiated Buy-Backs

After completion of twelve (12) months following the start of service date under this amended tariff, WCOM may buy back a maximum of 50,000 ports at a nonrecurring charge of \$150 per port or the sum of the monthly recurring charges for the remainder of the 24-month enrollment period, whichever is lower. Buy-back requests will be implemented using mutually agreed-upon engineering procedures. WCOM's Minimum Port Commitment is further reduced as a result of these buy-back activities below the 350,000 port level that would otherwise be applicable during the second twelve months of the enrollment period.

(L) Termination of Ports

WCOM may terminate and disconnect ports above the Minimum Port Commitment at any time without payment of any early termination fees or other charges. Other terminations may be made pursuant to provisions set out in this amended tariff, such as termination for buy-back of ports, termination related to Sold CyberPOP™ ports, or termination associated with moves. WCOM may terminate other ports only on the condition that WCOM continues to pay for the number of ports required under the applicable Minimum Port Commitment.

(M) Optional Repurchase of NAS Equipment

Upon the expiration, termination, or cancellation of ports as provided in this tariff, WCOM shall have the right, but not the obligation, to repurchase from Verizon some or all of the NAS Equipment associated with such expired, terminate, or cancelled ports by paying to Verizon an amount equal to the original purchase price for the relevant NAS Equipment (the amount paid by Verizon to WCOM or the relevant equipment vendor) less depreciation paid by Verizon. Verizon shall pack and ship such repurchased NAS Equipment to WCOM at WCOM's expense in accordance with WCOM's instructions. The charges for repurchase include the depreciated equipment cost plus Verizon's internal and contractor (as applicable) expenses for removal, temporary storage, packing and shipping. Equipment that is repurchased must be in increments of whole components that can be removed from service without disrupting the remaining service or resulting in expenses other than the removal, temporary storage, packing and shipping as stated above. WCOM must notify Verizon of the repurchase request no later than the requested termination date for the ports that are related to the equipment to be purchased.

(N) Customer Initiated Moves

WCOM can move (disconnect and reconnect) dial-up port capacity from one Verizon CyberPOP™ location to another, up to a maximum of 6% per quarter of the total ports in service at the start of each calendar quarter (January, April, July, October) ("Quarterly Move Allotment"). Equipment to satisfy move requests is limited to equipment deployed at the effective date of this amended tariff and in Verizon inventory at the requested move date.

™ - Trademark of Company

(N)

(This page filed under Transmittal No. 297.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

7.2.3.1 Amended 2001-1 MCI WorldCom Network Services, Inc. (Cont'd)

(N)

(N) Customer Initiated Moves (Cont'd)

Following the completion of the parties' joint pre-planning and engineering work, the parties shall use all commercially reasonable efforts to place the moved ports back in service within ninety (90) calendar days, or such other reactivation time period as may be mutually agreed-upon by the parties at the time of disconnect. Move requests will be implemented using mutually agreed-upon engineering procedures, and may result in the swap-out of NAS Equipment on a port-for-port basis (at WCOM's election and expense, if any). Hardware components being moved (and swapped, if applicable) must be compatible with the hardware/software configuration at the receiving CyberPOP™ location. Disconnect and reconnect move orders will be processed concurrently and standard Verizon operational processes and implementation timeframes will be utilized.

Charges for moves are applied on a one-time non-recurring charge (NRC) basis for each in service port (i.e., lit B-channel passing dial-up traffic) that is moved. Where facilities at the moved-to location must be augmented to accommodate moves of CyberPOP™ ports, changes to the building, power and air conditioning will be charged on a time and material basis. MRC billing for the ports will not be discontinued during the move process. Detailed project planning will be required by both parties in order to establish mutually agreeable timelines for port moves.

Nonrecurring Charge, per In Service Port Moved:

First 50% of Quarterly Move Allotment: \$45 per Port  
Next 50% of Quarterly Move Allotment: \$105 per Port

(O) Periodic Reviews

At the request of either party, the parties shall meet to reconcile port counts and determine, for billing purposes, the number of CyberPOP™ Ports above the Minimum Port Commitment (adjusted for buy-back activity and Sold CyberPOP™ Ports) that shall be deemed to have been active for that month.

WCOM's service commitment will be reviewed quarterly on or about the last business day of each calendar quarter (January, April, July, October) following the tariff effective date. WCOM in-service port counts, port moves, port buy-backs, and port installs will be identified and jointly reconciled by WCOM and Verizon staffs. Any required reporting or billing adjustments will be agreed upon and executed within thirty (30) calendar days of completion of the reconciliation process. In the event that a final reconciliation is not agreed upon by WCOM and Verizon within thirty (30) days, the issue will be escalated to executive management of both companies for resolution.

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.3 All entities under Verizon Telephone Companies Tariff FCC No. 14 (Cont'd)Case No.

## 7.2.3.1 Amended 2001-1 MCI WorldCom Network Services, Inc. (Cont'd)

(P) Shortfall Charge

At the completion of twelve (12) and twenty-four (24) months following the start of service under this amended tariff, WCOM will be notified in writing as to the status of its overall commitment requirements. This notification will inform WCOM of any shortfall that occurred in any of the preceding twelve months in the quantity of in service ports (including both in service ports and ports that were in the process of being moved or disconnected) below the Minimum Port Commitment, as specified above. If, in any given month, the number of CyberPOP™ ports was below the applicable Minimum Port Commitment, as adjusted in accordance with other provisions of this amended tariff, a one-time charge of \$19.00 per port will be assessed for such dial-up port quantity shortfalls for each month in which the shortfall occurred.

(Q) Service Availability

The Verizon objective level of service availability will be 95% of the monthly hours of operation for each Central Office. Should the service availability actually be less than 95% of the monthly hours for the average port of a Central Office (e.g., 30 days x 24 hours x .95 = 684 hours), WCOM will receive a credit of 40% of the monthly bill for that Central Office. Force Majeure events that impact service and which Verizon could not have prevented through the use of reasonable precautions will not be subject to the above penalty calculation.

(R) Withdrawal of Service Areas

In the event that Verizon ceases to offer CyberPOP™ service in a Verizon CO in which CyberPOP™ service is offered at any point under this tariff, through transfer of ownership of the Verizon CO to a non-Verizon entity, Verizon shall request the new owner to continue to provide service equivalent to Verizon's CyberPOP™ service at such CO, and shall, if the new owner agrees to continue the service, use commercially reasonable efforts to facilitate a smooth transition of CyberPOP™ service to the new provider. Notwithstanding the foregoing, with respect to any CyberPOP™ Ports deployed in such Verizon COs ("Sold CyberPOP™ Ports"), WCOM shall have the right (and reasonable opportunity following written notice from Verizon) to terminate such Sold CyberPOP™ Ports prior to their transfer to the new provider without the application of any early termination fees or other charges, and to repurchase the associated NAS Equipment from Verizon at the then-current depreciated book value (with no other charges applying). Verizon shall ship such NAS Equipment to WCOM at WCOM's expense. NAS Equipment repurchases resulting from Sold CyberPOP™ Ports shall not count towards the annual limit of regular buy backs specified in the tariff. In addition, and regardless of whether WCOM terminates such Sold CyberPOP™ Ports, the Minimum Port Commitment shall be reduced by the number of such Sold CyberPOP™ Ports.

(N)

FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)

7.2 Rates and Charges (Cont'd)

7.2.4 Citigroup Global Technology, Inc.

(N)

(A) General

The rates and other terms of this Specialized Optical Networking Service ("the Service") are premised on Customer's commitments, unique network design requirements, and Customer's service mix, usage patterns and concentration, and other characteristics.

All terms and conditions, as set forth in Sections 5 and 20 of this tariff and not otherwise addressed in this Section 7.2.4, shall also apply to this Service.

(B) Description of Service

This Specialized Optical Networking Service provides the customer with interconnecting backbone rings of various capacities that utilize Synchronous Optical Networking (SONET) technology. The customer also has the capability to subtend lower capacity SONET rings from the higher capacity backbone rings. Sub-tending rings enable the provisioning of protected services to locations requiring bandwidth capacity lower than the capacity established on the backbone.

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.4 Citigroup Global Technology, Inc. (Cont'd)(C) Obligations of the Customer

Customer agrees to purchase a total of fifteen (15) rings (includes both backbone rings and subtending rings) as specified in (I) following and at the rates set forth in (I) following. Other services connected to the backbone ring or the subtending ring are provided at the rates and charges and terms and conditions set forth in other sections of this tariff for the specific service being provided. Additionally, other charges (e.g., ordering options, surcharges) as set forth in other sections of this tariff also apply.

At each customer location, the Customer shall provide the Telephone Company suitable and secure space, with suitable environmental conditions and uninterruptible power supply, building entrance facilities, required structure and conduit for placement of the facilities and equipment to be used by the Telephone Company to provide the Service.

Customer will provide the Telephone Company access to the Customer's premises at all reasonable times for provision of installation, testing, maintenance and repairs, and will also provide the Telephone Company with a single-point-of-contact for its technicians.

(N)

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)

7.2 Rates and Charges (Cont'd)

7.2.4 Citigroup Global Technology, Inc. (Cont'd)

(D) Locations

The Service will be provided to the following Customer Locations.

Addresses of Customer Locations

105 Decker Drive, Irving, TX 75062  
250 John Carpenter Freeway, Irving, TX 75062  
290 John Carpenter Freeway, Irving, TX 75062  
1111 Northpoint, Coppell, TX 75019  
4650 Regent, Irving, TX 75062  
8333 Royal Ridge, Irving, TX 75063  
121 South Briary, Irving, TX (AT&T POP)

(N)

(N)

This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.4 Citigroup Global Technology, Inc. (Cont'd)(E) Definition of Service Elements

Hub Node: A hub node is a SONET network element that allows capacity on two or more rings to be shared in a single node. Hub nodes are provided at OC48 or OC192 bandwidth capacity and can support subtending rings which use part of the Hub Node's total bandwidth capacity. These nodes also serve to multiplex lower speed customer circuits for transmission on the ring.

Port Node: A port node provides low speed drop capability from a Hub Node with an interface to a particular subtending ring.

Node: A node is a SONET network element that has OC3, OC12, or OC48 bandwidth capacity and is provided on either a backbone ring or a subtending ring. Unlike the Hub Node, a Node can not share bandwidth capacity on more than one ring. These nodes also serve to multiplex lower speed customer circuits for transmission on the ring.

Ports: Ports provide low speed drop capability on a given Node or Hub Node with interfaces at DS1, DS3, OC3, and/or OC12.

Transport: Transport, consists of the fiber optic based transmission facilities connecting the network (Nodes and Hub Nodes) of the diversely routed rings.

(N)

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.4 Citigroup Global Technology, Inc. (Cont'd)(F) Deployment and Availability

The Service Period of this specialized arrangement shall commence on the implementation date of the service elements. The service period expires on May 1, 2005.

(G) Cancellation or TerminationCancellation Charges

If Customer cancels the Service prior to the start of the Service Period, cancellation charges as described in Section 3.2.6 apply.

Termination Charges

If Customer terminates service under this specialized arrangement at any time during the Service Period (i.e., prior to the expiration date) a termination charge equal to twenty-five percent (25%) of the applicable monthly charge for the terminated Service multiplied by the number of months remaining in the unexpired portion of the Service Period applies.

(H) Extension of a Commitment Period

Upon expiration of the service period, service under this specialized arrangement will continue as a month-to-month service for up to a maximum of twelve (12) months in order to allow Customer to migrate the service, if necessary.

(N)

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005



## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.4 Citigroup Global Technology, Inc. (Cont'd)

(N)

(I) Monthly Recurring Charges (MRCs)

The monthly rate shown for each ring under this specialized arrangement includes all Node, Hub Node, Transport and Port Node rate elements associated with the particular architecture of that ring. The customer will incur charges for Ports as set forth in (2) following for each low speed service that is added to, or dropped from, the particular backbone or subtending ring, as applicable.

(1) Rings, per backbone or subtending ring:

	<u>MRCs</u>
Ring 141a	\$ 1,370.00
Ring 141b	7,539.00
Ring 143b	941.00
Ring 144a	7,548.00
Ring 144b	1,975.00
Ring 144c	8,971.00
Ring 144d	5,218.00
Ring 144e	1,854.00
Ring 144f	1,859.00
Ring 144g	2,264.00
Ring 144h	4,390.00
Ring 144j	1,966.00
Ring 144k	3,658.00
Ring 144l	6,582.00
Ring 202b	15,234.00

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.4 Citigroup Global Technology, Inc. (Cont'd)(I) Monthly Recurring Charges (MRCs) (Cont'd)(2) Ports, per port:

	<u>MRCs</u>
DS1	\$ 37.50
DS3	115.00
OC3	343.00
OC12	642.00

(N)

(N)

(This page filed under Transmittal No. 437.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.5 MCI(A) Service Description

This specialized arrangement provides the customer with Message Waiting Indicator (MWI) Signaling System 7 (SS7) TCAP Messaging Service (MWI TCAP Messaging Service). With this service, the Telephone Company will utilize SS7 technology to transmit MWI TCAP messages on suitably equipped end user lines for those end users who subscribe to the customer's voice messaging service. MWI TCAP messages are originated by the customer's equipment which signals the Telephone Company's serving switch for that end user to set and/or reset MWI on the end user's line. These messages allow the customer to notify its end user that messages are waiting or to clear message waiting notification once the end user has acknowledged the messages.

MWI TCAP Messaging Service will only allow signaling to switches within the LATA in which the signaling was handed off to the Telephone Company, and will be available only in LATAs where the Telephone Company has Signaling Transfer Points (STPs) available to provide the service. The service is not available in LATAs where the Telephone Company does not have STPs. In the event that STPs are deployed in these LATAs subsequent to issuance of this specialized arrangement, the Telephone Company will provide the service in those LATAs. Additionally, MWI TCAP Messaging Service is only available from suitably equipped switching equipment capable of providing the service. The service will be available as functionality is deployed in each STP.

In the event this Service or its equivalent functionality becomes an effective general service offering of this tariff, then the rates, terms and conditions set forth in the general service offering shall apply.

(N) (x)

(N) (x)

(x) Issued on one day's notice under authority of Special Permission No. 04-055 of the Federal Communications Commission.

(This page filed under Transmittal No. 466.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005

## FACILITIES FOR INTERSTATE ACCESS

7. SPECIALIZED FIA OR ARRANGEMENTS (Cont'd)7.2 Rates and Charges (Cont'd)7.2.5 MCI (Cont'd)(B) Rates and Charges

(N) (x)

The customer is responsible for obtaining SS7 interconnection under other provisions of this tariff.

A nonrecurring charge applies to allow for the transmission of MWI TCAP messages as follows:

	<u>Nonrecurring Charge</u>
MWI SS7 TCAP Messaging Service	\$37,500.00

(N) (x)

(x) Issued on one day's notice under authority of Special Permission No. 04-055 of the Federal Communications Commission.

(This page filed under Transmittal No.466.)

Vice President, Federal Regulatory  
1300 I Street NW, Washington, DC 20005